



PENDING APPLICATIONS

Law Department - Patent Section
Philip Morris Management Corp.
Privileged and Confidential

2 MARCH 1994

2023119109

PM 1268 - SN 122760

(Project Art) PROCESS AND APPARATUS FOR THE SEMICONTINUOUS
EXTRACTION OF NICOTINE FROM TOBACCO

R. Prasad and H. Grubbs
R&D

SCHARDT

11-19-87 Filed in PTO; assignment recorded.
6-28-88 Information disclosure statement filed.
1-30-89 1st action.
6-30-89 Amendment filed.
10-31-89 Supplemental amendment filed.
10-27-89 2nd action.
11-3-90 Response filed.
1-19-90 3rd action allowing all claims.
3-1-90 Amendment filed.
6-20-90 Examiner communication suspending prosecution for 3 months pending
availability of pertinent Supplemental IDS filed.
9-20-90 Status inquiry filed.
10-25-90 Meeting with Krasnow/inventors.
12-20-90 4th action.
3-19-91 Response filed.
12-23-91 5th action.
3-4-92 Response filed.
3-25-92 Supplemental amendment filed.
5-6-92 6th action.
7-1-92 Response filed.
12-28-92 Examiner's communication: all claims allowable; however, prosecution
suspended for 3 months due to a potential interference.
7-1-93 REVIEWED WITH LILLY--MAY BE IMPORTANT FOR GENERAL FOODS. IF
INTERFERENCE DECLARED, SEND TO BD.
11-1-93 7th action.
2-24-94 Response filed.

Corresponding foreign applications filed in Argentina, Australia, Brazil, Canada, Finland,
Japan, South Africa, and EPO designating Austria, Belgium, Switzerland, Germany,
Spain, France, UK, Greece, Italy, Netherlands, and Sweden.

* * * * *

2023119110

PM 1279 - SN 246768

(Bonded Ends) DROPLET JET APPLICATION OF ADHESIVE TO CIGARETTE
ENDS

R. Gaudlitz, J. Washington, and H. McCafferty
R&D

A method and apparatus are provided for applying an adhesive solution to the coal end of a cigarette by means of a precisely controlled liquid jet spray to bond shreds of tobacco in the cigarette end and to thereby reduce the amount of tobacco which falls out of the cigarette when shaken.

See also CIP PM 1392

Schardt

9-20-88 Filed in PTO; assignment recorded.
10-1-90 Notice of allowance.
12-13-90 Issue fee paid.
1-13-92 File lost at PTO.
7-13-93 Request for reconstruction of file filed in PTO.
11-9-93 Appointment of associate attorney and notice of change of address filed.

No corresponding foreign applications filed.

* * * * *

PM 1307 DIV - SN 665968

CRIMPED TEXTILE FIBERS AND STUFFER BOX APPARATUS AND METHODS FOR
CRIMPING TEXTILE FIBERS

Michael Hill
FML

Osborne

3-7-91 Filed in PTO.
7-13-93 Notice of allowance.
8-18-93 Issue fee paid and formal drawings filed.
11-3-93 Notice of change of address and appointment of associate attorney filed.
2-7-94 Examiner called requesting replacement page.

* * * * *

PM 1322 CIP II CONT - SN 927734

(Delta/Sigma) SMOKING ARTICLE

M. A. Serrano, K. S. Houghton, H. V. Lanzillotti, E. B. Sanders, A. C. Lilly, C. R. Hayward, J. R. Hearn, and D. B. Losee
R&D

A smoking article in which a flavored aerosol is generated by heat transfer to a flavor bed from the combustion of a carbon heat source is provided. The article generates substantially no sidestream smoke. The transfer of heat from the heat source to the flavor bed is accomplished by convective and radiative heat transfer.

Osborne

8-12-92 Filed in PTO.

11-25-92 1st action.

1-29-93 Response filed.

4-21-93 2nd action.

8-10-93 Response with extension, declaration of Hayward, IDS, and supplemental declaration filed.

11-23-93 3rd action--final.

2-22-94 Response filed with 1 month extension.

* * * * *

2023119112

PM 1342 - SN 057340

(Sigma/Delta - Rotary/Linear Table) APPARATUS AND METHODS FOR
TRANSFERRING AND METERING GRANULAR MATERIAL

A. L. Collins, E. L. Cutright, R. H. Dickerson, B. J. Keen, R. R. Ritt, G. C. Scott
Engineering

Glenn

05-04-93 Filed in PTO.

11-3-93 Notice of change of address and appointment of associate
attorney filed.

12-3-93 Notice of allowance (fee due March 3).

12-7-93 Supplemental notice of allowability requiring drawing
changes.

* * * * *

2023119113

PM 1390 (D474) - SN 913408

(Bonded Rods) FOAM ADHESIVE COMPOSITION
J. Lee Gregory III and Theodore E. Majewski
R&D

Relates to tobacco binders to be used in conjunction with a foam applicator.

See also PM 1391

Osborne

7-15-92 Filed in PTO.

7-1-93 REVIEWED WITH LILLY; IF FIRST ACTION AN ALLOWANCE OR
MINIMAL WORK, KEEP; OTHERWISE ABANDON.

11-4-93 Appointment of associate attorney filed.

1-12-94 1st action (response due April 12).

No foreign filing.

* * * * *

2023119114

PM 1412 CONT- SN 104493

**PUTRESCINE N-METHYLTRANSFERASE, RECOMBINANT DNA MOLECULES,
ENCODING PUTRESCINE N-METHYLTRANSFERASE, AND TRANSGENIC TOBACCO
PLANTS WITH ALTERED NICOTINE CONTENT**

H. Y. Nakatani and V. S. Malik

R&D

There is provided highly purified tobacco putrescine N-methyltransferase, a process for its purification, and production of PMT DNA sequence. The purification process includes the step of applying a tobacco root extract to an anion exchange medium and specifically eluting putrescine N-methyltransferase with an elution buffer comprising putrescine.

Glenn

8-9-93 Filed in PTO.

01-05-94 Letter requesting address change and approving change to
 claim 1 filed in response to request from Examiner.

1-28-94 1st action (response due April 28).

* * * * *

2023119115

PM 1414 - SN 789979

(Delta/Sigma) FRACTIONATED PLANT EXTRACTS USEFUL AS FLAVORANTS
AND ENHANCERS THEREOF AND METHODS FOR PREPARING AND USING THE
SAME

Wynn R. Raymond and R. W. Hale
R&D

Relates to tobacco extracts fractionated to be essentially nicotine-free
and to processes for making and using the same.

Glenn

11-12-91 Filed in PTO; assignment recorded.

8-16-93 Notice of allowance.

11-4-93 Issue fee paid.

11-10-93 Appointment of associate attorney/change of address filed.

No foreign filing.

* * * * *

2023119116

PM 1415 - SN 865964

(Cast Sheet) RECONSTITUTED TOBACCO SHEETS AND METHODS FOR PRODUCING AND USING THE SAME

G. Gellitaly
R&D

Relates to reconstituted tobacco sheets having improved quality and survivability due to an optimization of a mean tobacco particle size and a reduction in the air content of the slurry prior to casting the slurry into tobacco sheets.

Glenn

04-09-92 Filed in PTO; assignment recorded.
07-09-92 IDS filed.
04-08-93 Restriction requirement.
05-07-93 Response filed--method claims elected.
7-27-93 1st action.
10-29-93 Amendment with 1-month extension filed.
12-8-93 Supplemental IDS filed.
2-13-94 2nd action--FINAL (response due May 13).

Corresponding foreign applications filed in EPO, Argentina, Brazil, Czechoslovakia, China, Hungary, India, Indonesia, Japan, Korea, Malaysia, Mexico, Pakistan, Philippines, Poland, Russian Federation, Sweden, Thailand, Venezuela.

* * * * *

2023119117

PM 1423-A (D581) - SN 929837

(Beta) FLOW-MONITORING DEVICE FOR A FLAVOR-GENERATING ARTICLE

C. T. Higgins

R&D

Relates to an electro-mechanical air flow monitor adapted to initiate a heating sequence within an electric flavor-generating article.

Osborne

8-12-92 Filed in PTO; assignment recorded.

11-19-92 IDS filed.

12-16-92 Formal drawings filed.

04-13-93 Examiner called--election requirement.

6-1-93 Species of Figs. 1A and B elected.

8-23-93 1st action.

11-5-93 Response and appointment of associate attorney filed.

1-27-94 2nd action--FINAL.

2-9-94 Response filed.

2-24-94 Advisory action--amendment not entered (appeal deadline July 27).

No corresponding foreign filed.

* * * * *

2023119118

PM 1429 - SN 614620

(Paper Technology - Project Tomorrow - "Daubing Dandy") PAPER HAVING
CROSSDIRECTIONAL REGIONS OF VARIABLE BASIS
WEIGHT

J. Allen, G. H. Bokelman, N. Gautam, D. Kraske, J. L. Myracle, R. M. Rogers,
and E. B. Sanders
R&D

This invention refers to a paper having cross directional regions having increased basis weight. The paper of this invention is especially useful as a wrapping material for a smoking article. The paper may be produced by depositing additional material onto a moving base web in a papermaking machine. The additional material is deposited by means of a rotating drum containing a plurality of slits through which the additional material passes.

Glenn

11-16-90 Filed in PTO.

07-19-91 Preliminary amendment filed.

11-12-91 Assignment recorded.

02-06-92 1st action.

02-25-92 IDS filed.

06-05-92 Response filed.

07-02-92 Supplemental IDS filed.

08-27-92 2nd action.

01-05-93 Response filed.

02-11-93 3rd action.

04-09-93 Response filed.

04-27-93 4th action.

8-23-93 Response filed.

11-10-93 Appointment of associate attorney/change of address filed.

12-8-93 5th action--FINAL (response due March 8).

Corresponding foreign applications filed in Australia, Canada, Finland,
Norway, Japan, and the EPO designating all countries except Luxembourg.

* * * * *

2023119119

PM 1457 (D656) - SN 08/022720

(Sigma) METHOD AND APPARATUS FOR ORIENTING CYLINDRICAL COMPONENTS WITH ONE CAPPED END

Bill J. Keen
Engineering

Relates to a mechanism for orienting cylindrical components having one capped end and one open end comprising six drums which are aligned in a staggered formation.

See also PM 1506

Osborne

02-24-93 Filed in PTO.

05-06-93 Formal drawings showing changes; will necessitate amendment to specification.

05-22-93 F&N instructed to file IDS.

8-3-93 FN instructed to file supplemental IDS.

11-10-93 Appointment of associate attorney/change of address filed.

11-8-93 1st action.

12-17-93 Response filed.

1-21-94 2nd action--FINAL (response due April 21).

2-15-94 Draft sent to T. Walker for typing.

3-2-94 Response filed.

* * * * *

2023119120

PM 1466 CONT - SN 845738

(Paper Technology) WRAPPER FOR A SMOKING ARTICLE

S. D. Baldwin, G. H. Bokelman, B. L. Goodman, B. L. Floyd, and S. S. Tafur
R&D

The sidestream smoke associated with a cigarette or cigarette-like smoking article is reduced by wrapping the tobacco in a paper wrapper having an additive, such as an organic acid, an acidic salt or an organic acid in combination with an acidic salt added thereto.

See also PM 1444, 1494, 1441, and 1511; related to PM 1393

Glenn

03-02-92 Filed in PTO.

05-15-92 Preliminary amendment and supplemental IDS filed.

05-22-92 1st action.

08-24-92 Response filed.

12-01-92 Examiner's communication: prosecution suspended for four months pending availability of a reference.

04-13-93 Status inquiry, supplemental IDS filed.

05-11-93 Supplemental statement filed.

06-23-93 Second status inquiry filed.

9-28-93 2nd action (response due December 28).

12-22-93 Call to Examiner--new action will be issued and period for response reset.

* * * * *

2023119121

PM 1468 - SN 943318

(Beta) HEATING ELEMENT FOR AN ELECTRICALLY-HEATED SMOKING ARTICLE
S. C. Deevi, M. R. Hajaligol, Herbert Herman, C. T. Higgins, Mike Watkins, B.
E. Waymack, and S. Yi
R&D

Relates to a smoking article in which a flavor-generating medium, for example tobacco, is heated electrically to produce a flavor-containing aerosol.

Osborne

09-10-92 Filed in PTO.
03-11-93 IDS filed.
10-7-93 1st action allowing all claims.
12-1-93 Amendment and supplemental declaration filed.
12-22-93 Notice of allowance (fee due March 22).
2-7-93 Missing formal drawing filed.
2-7-94 PTO communication--drawings still considered informal.
2-8-94 New drawing submitted.
2-10-94 PTO communication--drawings still considered informal.
2-28-94 New drawing submitted.

No foreign filing.

* * * * *

PM 1474 DES (D634) - SN 675463

(Beta) DESIGN - ELECTRICAL CIGARETTE (as amended)
E. S. Gee, A. C. Lilly, D. B. Losee, J. L. Myracle, Jr., C. H. Morgan, F. M.
Sprinkel, F. V. Utsch, and J. F. Whidby
R&D

Glenn

3-25-91 Filed in PTO; assignment recorded.
2-10-93 Notice of allowance.
05-03-93 Issue fee paid and formal drawings filed.
9-2-93 F&N instructed to respond to draftsman's communication and then return file to PM.
11-10-93 Appointment of associate attorney/change of address filed.

* * * * *

2023119122

PM 1474 DES DIV- SN 008754

(Beta) DESIGN - ELECTRICAL CIGARETTE

E. S. Gee, A. C. Lilly, D. B. Losee, J. L. Myracle, Jr., C. H. Morgan, F. M. Sprinkel, F. V. Utsch, and J. F. Whidby
R&D

Glenn

05-25-93 Filed in PTO with preliminary amendment.

9-29-93 Restriction requirement.

10-20-93 Response filed--Group I (Figs. 1-10) elected.

1-6-94 Notice of allowance (fee due April 6).

* * * * *

PM 1479 CONT - SN 08/115523

(Tomorrow) SMOKING ARTICLE WRAPPER FOR CONTROLLING BURN RATE AND
METHOD FOR MAKING SAME

S. D. Baldwin, N. Gautam, K. S. Houghton, R. M. Rogers, J. L. Ryder
R&D

Relates to the control of the burn rate of a cigarette. The burn rate is controlled by the use of a paper wrapper to which regions of cellulosic material is applied and bonded. The cellulosic material is applied during a manufacturing step for the base paper wrapper, either off or on-line of the paper wrapper-forming machine.

Glenn

9-1-93 Filed in PTO.

11-10-93 Appointment of associate attorney/change of address filed.

1-28-94 1st action (response due April 28).

* * * * *

2023119123

PM 1482 - SN 915423

(Beta) ELECTRICAL FLAVOR GENERATOR AND METHOD FOR MAKING SAME
Grier Fleischaurer and B. J. Keen
Engineering

Improved electrical heater for flavor generator which can heat a plurality of individual flavor beds individually without significantly affecting the neighboring flavor beds.

Osborne

7-17-92 Filed in PTO; assignment recorded.
11-6-92 IDS filed.
7-1-93 REVIEWED WITH LILLY; REEVALUATE AFTER 1ST ACTION.
8-12-93 Restriction requirement.
9-13-93 Response and appointment of attorney filed.
12-21-93 1st action (response due March 21).
3-1-94 Draft response to T. Walker for typing.

No foreign filing.

* * * * *

2023119124

PM 1483 CIP CONT - SN 08/111575

(Filter Technology - Project Bold) CONCENTRIC SMOKING FILTER HAVING
DISCRETE TOW AND WEB FILTER MEDIA

C. W. Arterbery, W. T. Callaham, G. D. Keritsis, M. F. White
R&D

A concentric smoking filter in which one of the filter media is a fibrous tow, such as fibrous cellulose acetate tow, and one of the filter media is a web material, such as paper, is provided. The filter improves the taste, particularly, of ultra-light cigarettes.

Schardt

9-8-93 Filed in PTO.

11-12-93 Supplemental IDS and appointment of associate attorney filed.

No foreign filing on CIP--JES reviewing original 1483 foreign with Abitz in Germany to circumvent problems with Filtrona.

* * * * *

2023119125

PM 1507 - SN 002892

(Optical Inspection) HIGH SPEED, HIGH RESOLUTION WEB INSPECTION
SYSTEM

Cary Longest, R. Moffitt, W. R. Sweeney
Engineering

Osborne

1-11-93 Filed in PTO; assignment recorded.
11-3-93 Notice of allowance.
11-10-93 Appointment of associate attorney/change of address filed.
11-23-93 Formal drawing correction filed.
2-3-94 Issue fee paid.

* * * * *

PM 1512 - SN 071313

(Delta) IMPROVED METHOD FOR MAKING A CARBONACEOUS HEAT SOURCE
A. Bensalem, Sarojini Deevi, Seetharama Deevi, and D. M. Schleich
(Polytechnic University)
R&D

This invention relates to an improved carbonaceous heat source and to the
conversion of gaseous by-products, such as carbon monoxide, produced by
the combustion of the carbonaceous heat source.

Osborne

6-2-93 Filed in PTO.
7-1-93 REVIEWED WITH LILLY; DROP IF 1ST ACTION UNFAVORABLE.
9-28-92 IDS and appointment of associate attorney filed.

* * * * *

2023119126

PM 1517 - SN 08/161386

(Beta/Omega) METHOD AND APPARATUS TO PRODUCE AEROSOLS FROM LIQUIDS

F. M. Sprinkel, E. C. Grollmund, P. J. Lipowicz, and T. T. Nguyen
R&D

The production of aerosols from discrete, preseparated amounts of liquid(s) is disclosed. The preseparated packets of liquid can be packaged into definite sets for production of puffs of aerosol.

Osborne
12-6-93 Filed in PTO; assignment recorded.

* * * * *

PM 1522 II - SN 992446

(NET) PROCESS AND APPARATUS FOR IMPREGNATION AND EXPANSION OF TOBACCO (this has the compaction feature as opposed to PM 1522)

K. H. Cho, T. J. Clarke, J. M. Dobbs, E. B. Fischer, D. Leister,
J. M. G. Nepomuceno, W. Nichols, R. Prasad
R&D

Glenn
12-17-92 Filed in PTO.
3-17-93 Formal drawings, preliminary amendment and IDS filed.
04-06-93 Supplemental IDS filed.
04-13-93 Corrective assignment filed.
11-10-93 Appointment of associate attorney/change of address filed.
11-1-93 1st action
3-1-94 Amendment with 1-month extension and supplemental IDS filed.

* * * * *

2023119127

PM 1523 DIV- SN 063940

**PRODUCT APPEARANCE INSPECTION METHODS AND APPARATUS EMPLOYING
LOW VARIANCE FILTER**

**K. A. Cox, H. M. Dante, R. J. Maher
R&D**

A comprehensive package inspection method to identify bad packages by means of automatic inspection.

Related to PM 1514, 1334; Itran Agreement File

Osborne

05-18-93 Filed in PTO.

8-6-93 Preliminary amendment and IDS filed.

9-13-93 1st action.

11-5-93 Response and appointment of associate attorney filed.

1-28-94 2nd action--FINAL (response due April 28).

* * * * *

2023119128

PM 1535 (D743) - SN 07/943298

(D. H. Max) ALIGNMENT OF FILTER AND CIGARETTE COMPONENTS
M. T. Garthaffner and R. Honaker
Engineering

Method and apparatus for alignment of filter components to product charcoal filter cigarettes without combining machine. Keeps the gap between the cigarette and filter components to 5mm or less which is needed to assemble final product; especially when components are short.

Osborne

9-10-92 Filed in PTO; assignment recorded.

12-4-92 IDS filed.

8-3-93 1st action.

9-7-93 Response filed.

11-9-93 2nd action.

1-18-94 Response filed.

2-2-94 Supplemental IDS filed.

NOTE : Consider filing DIV on non-elected claims.

Corresponding foreign applications filed in Japan, Korea, Malaysia and EPO.

* * * * *

2023119129

PM 1542 CONT (D755) - SN 0 1 7

(Project Tomorrow) SMOKING ARTICLE WRAPPER AND APPARATUS AND METHOD FOR MAKING SAME

A. L. Collins, B. J. Keen, G. B. Reid, R. R. Ritt, W. H. Stevens, H. W. Vogt
Engineering

Relates to cigarette wrappers which modify the burn rate of the cigarette and to an apparatus and method for efficiently producing such wrappers in commercial quantities.

Glenn

6-9-93 Filed in PTO; assignment recorded.

7-1-93 REVIEWED WITH LILLY; ABANDON IF NEXT ACTION
UNFAVORABLE.

11-10-93 Appointment of associate attorney/change of address filed.

No corresponding foreign applications.

* * * * *

PM 1544 - SN 931997

(Beta - Disposable Heater) REINFORCED CARBON HEATER WITH DISCRETE HEATING ZONES

B. J. Keen, G. S. Fleischhauer, S.
Engineering

Relates to electric heating elements arranged in a tubular array used to heat a flavor generating medium in a flavor generating article.

Glenn

8-19-92 Filed in PTO; assignment recorded.

10-5-92 Formal drawings filed.

11-19-92 IDS filed.

12-17-92 Preliminary amendment filed.

9-3-93 1st action.

12-31-93 Amendment with 1-month extension filed.

No foreign filing.

* * * * *

2023119130

PM 1545 - SN 08/021965

(Beta) METHOD AND APPARATUS FOR CONTROLLING THE SUPPLY OF
ENERGY TO A HEATING LOAD IN A FLAVOR GENERATING ARTICLE

C. T. Higgins and H. McCafferty, W. Lucas
R&D

Osborne

02-24-93 Filed in PTO; assignment recorded.

04-28-93 IDS filed.

7-1-93 REVIEWED WITH LILLY; REVIEW AFTER 1ST ACTION.

11-10-93 Appointment of associate attorney/change of address filed.

2-23-94 1st action (response due May 23).

Corresponding foreign applications filed (via PCT) in Australia, Canada,
Japan, Korea, Norway, and the EPO.

* * * * *

PM 1547 (D740) - SN 926826

(Project B&D) REUSABLE HARD-PACK CIGARETTE CASE

D. H. Evers and W. C. Harris
Purchasing

Relates to a limited-life reusable hard-pack cigarette case into which
soft-pack cigarette containers may be inserted.

Osborne

08-07-92 Filed in PTO; assignment recorded.

11-19-93 Notice of allowance--no divisional will be filed.

1-6-94 Issue fee paid.

Corresponding foreign filed in the EPO and JP.

* * * * *

2023119131

PM 1548 (D762) - SN 08/074948

(Beta) ELECTRICAL SMOKING ARTICLE USING LIQUID TOBACCO FLAVOR
MEDIUM DELIVERY SYSTEM

C. T. Higgins and W. R. Raymond and M. Sprinkel
R&D

Glenn

06-10-93 Filed in the PTO assignment recorded.
7-1-93 REVIEWED WITH LILLY; REVIEW AFTER 1ST ACTION.
9-3-93 IDS filed.
11-11-93 Appointment of associate attorney/change of address filed.
02-03-04 Phone conference with Examiner--species of Figs. 5-7 elected.
2-7-94 1st action (response due May 7).

* * * * *

PM 1550 (CIP OF PM1481) - SN 07/943504

(Beta) FLAVOR GENERATING ARTICLE AND METHOD FOR MAKING SAME

A. Collins, M. E. Counts, A. Das, S. Deevi, G. Fleischhauer, C. Higgins, W.
Houck, B. Keen, B. Lee, C. Lilly, B. Losee, H. McCafferty, C. Nichols, W.
Raymond, R. Ripley, R. Ritt, G. Scott, F. M. Sprinkel, M. Watkins, S. Wrenn, F.
Utsch
R&D/Engineering

Relates to articles in which flavor generating media are heated to release
tobacco flavors, particularly electrically heated articles.

Glenn

09-11-92 Filed in PTO; assignment recorded.
05-06-93 Preliminary amendment, substitute specification and hand
corrected copy of original specification filed.
05-13-93 Supplemental IDS filed.
07-19-93 Second preliminary amendment including new claim 163 filed.
11-11-93 Appointment of associate attorney/change of address filed.
11-23-93 Restriction requirement.
12-23-93 Response filed.

Corresponding foreign combining 1697 and 1550 filed in PCT (by BD);
considering Turkey for national filing

* * * * *

PM 1560 (D786) - SN 07/976616

APPARATUS AND METHOD FOR APPLYING FLUID TO A MOVING CONTINUOUS WEB

J. Budjinski, S. Campbell, and T. Ward
Engineering

Relates to manufacturing cigarette filter plugs in which a moving continuous web of filter tow is coated with plasticizer using an apparatus including a multichamber cylinder control system.

Osborne

- 11-16-92 Filed in PTO; assignment recorded.
- 12-10-93 Notice of allowance (fee due March 10).
- 1-21-94 Request for entry of original declaration faxed to PTO.
- 3-2-94 Refaxed 1/21/94 faxed document to PTO since Examiner couldn't find the file.

* * * * *

PM 1569 (D687) - SN 08/035682

(Beta) A FLAT CERAMIC HEATER HAVING DISCRETE HEATING ZONES AND METHOD OF FABRICATION

S. C. Deevi, M. R. Hajaligol
R&D

Relates to an electrically powered ceramic heater having a plurality of electrically resistive heating elements, only one of which is active at any given time.

See also PM 1529

Glenn

- 3-22-93 Filed in PTO; assignment recorded.
- 06-01-93 F&N instructed to file IDS.
- 7-1-93 REVIEWED WITH LILLY; REVIEW AFTER 1ST ACTION.
- 9-13-93 Restriction requirement.
- 10-13-93 Response filed electing Group 1 (claims 1-3 and 6-24).
- 1-13-94 1st action (response due April 13).

No corresponding foreign applications
(no filing per JES)

* * * * *

PM 1579 (CIP of PM 1389) - SN 990126

(DELTA/SIGMA) CHEMICAL HEAT SOURCE COMPRISING METAL NITRIDE,
METAL OXIDE AND CARBON

S. C. Deevi and D. B. Losee

R&D

Osborne

12-14-92 Filed in PTO; assignment recorded.

8-18-93 IDS filed.

11-1-93 1st action.

1-25-94 Response and terminal disclaimer filed.

* * * * *

PM 1584 (D807) - SN 974977

(Tomorrow/Beta) APPLICATION OF FLUIDIZED MATERIAL TO A SUBSTRATE
USING INTERMITTENT CHARGES OF COMPRESSED AIR

E. Cutright, R. Reich, and R. Scott of Jewett and H. Vogt

Engineering

Relates to a method and apparatus whereby repetitive treatment patterns
are created without contact between the paper and the apparatus.

Glenn

11-12-92 Filed in PTO.

02-01-93 IDS filed.

10-14-93 1st action.

1-14-93 Amendment filed.

* * * * *

2023119134

PM 1585 (D808) - SN 847375

(Tomorrow/Beta) METHOD AND APPARATUS FOR APPLYING A MATERIAL TO A WEB

E. Cutright and R. Scott of Jewett and H. Vogt
Engineering

Relates to a method and apparatus for treating paper with material in repetitive patterns in such a way that no contact is made between the paper and the apparatus.

See also PM 1679

Glenn

3-6-92 Filed in PTO; assignment recorded.

5-27-92 IDS filed.

11-10-92 1st action.

12-4-92 Response filed.

03-18-93 2nd action.

8-18-93 Response filed.

12-17-93 3rd action (response due March 17).

Corresponding foreign applications filed in EPO, Argentina, Australia, Brazil, Canada, Czechoslovakia, China, Finland, Hungary, India, Indonesia, Japan, Korea, Mexico, Norway, Poland, Russian Federation, Sweden, Venezuela plus any other major paper manufacturing countries.

* * * * *

2023119135

PM 1586 (D809) - SN 983378

(Tomorrow/Beta) APPLICATION OF FLUIDIZED MATERIAL TO A SUBSTRATE
USING DISPLACEMENT TRANSFER

E. Cutright and R. Scott of Jewett and H. Vogt
Engineering

Relates to a method and apparatus whereby repetitive treatment patterns
are created by a displacement transfer apparatus.

Osborne

11-30-92 Filed in PTO; assignment recorded.
2-1-93 IDS filed.
9-16-93 Restriction requirement.
10-1-93 Response electing claims 17-40.
2-7-94 Notice of allowance (fee due May 7).

* * * * *

PM 1587 (D810) - SN 031946

(Tomorrow) METHOD AND APPARATUS FOR MAKING BANDED SMOKING
ARTICLE WRAPPERS

E. Cutright and R. Scott of Jewett and H. Vogt
Engineering

Relates to a applying cellulosic slurry in repetitive patterns to paper for
making banded smoking article wrappers.

Osborne

3-16-92 Filed in PTO; assignment recorded.
8-10-93 Appointment of associate attorney and IDS filed.
12-13-93 1st action.
2-25-94 Response filed.

Corresponding foreign applications filed in the EPO and JP.

* * * * *

2023149136

PM 1588 (D787) - SN 08/094752

(CARTIER C20) HINGED-LID CIGARETTE BOXES WITH FOLD-IN LOCKS TO FACILITATE CONSISTENT LID CLOSURE

X. Pham
Engineering

Osborne

A pack having retention means formed in the walls of the innerframe and the lid. The retention means can be tab-like extension members extending from a top edge of the innerframe and the bottom edge of the lid. When the tab-like extension member is folded into operational position, it functions to help keep the lid closed by providing additional interference between the lid and the innerframe. The retention means can also be segments of inner wall panels of the lid itself. When folded into operational position, the folded segment of the inner wall panel functions to help keep the lid closed by providing additional interference between the lid and the innerframe. Any of these retention means can be folded into operational position by the manufacturer. Alternatively the pack can be provided to the consumer with the extension means in non-operational position, leaving to the individual consumer's discretion the decision to fold the retention means into operational position.

Osborne

7-8-93 PATENT COMMITTEE REVIEW--MAINTAIN; DISCUSSIONS ONGOING WITH VENDOR.

7- 20-93 Filed in PTO; assignment recorded.

10-13-93 IDS and appointment of associate attorney filed.

2-14-94 1st action (response due May 14).

3-1-94 Draft response to T. Walker for typing.

* * * * *

2023119137

PM 1597 DIV - SN 962644

TWO CARTONS JOINED AS A SINGLE UNIT SEPARABLE INTO TWO SINGLE CARTONS

J. Adams, C. Chance, J. DeBlasio, D. Evers, W. Harris, M. Kirby, R. Newsome,
X. Pham, R. Talley
Engineering

Relates to the connection of two separate cigarette cartons to form a dual carton.

Osborne

10-19-92 Filed in PTO with preliminary amendment.

12-28-92 IDS filed.

4-13-93 1st action.

8-10-93 Amendment, supplemental IDS; petition extension of time, terminal disclaimer, and appointment of associate attorney filed.

11-17-93 2nd action--final.

12-13-93 Response filed.

1-12-94 Response after 2nd final action filed.

1-31-94 Advisory action--rejection not overcome.

* * * * *

PM 1607 (D833) - SN 08/079101

(ACE 1) HALF-CARTON STRUCTURE AND METHOD OF FORMING SAME

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, W. C. Harris, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Relates to a half-carton that contains goods to be transported and a method of forming.

Osborne

6-17-93 Filed in PTO with IDS; assignment recorded.

11-11-93 Appointment of associate attorney/change of address filed.

12-21-93 Notice of allowance.

1-4-94 Issue fee paid.

* * * * *

2023119138

PM 1609 - 08/175990

(Project Drought) CIGARETTE MAKING AT ELEVATED TEMPERATURES
Wallace (PM Australia)

PRIORITY: AU PL6631

Relates to making cigarettes with reduced packing density without significant loss of firmness.

Osborne

12-31-92 Filed in Australian patent office.

12-3-93 Patent review meeting: file in US and EPO.

12-30-93 Filed in PTO. Declaration and assignment sent to Kelson for signatures.

2-9-94 Notice of missing parts.

2-15-94 Letter to Kelson regarding signatures on documents and procedures.

* * * * *

PM 1612 (D814) - SN 969035

(NET) PROCESS FOR ADJUSTING THE MOISTURE CONTENT OF TOBACCO
Warren Winterson, John Crump, E. B. Fischer
R&D

Covers use of the process on tobacco. Relates to the use of a humid-air stream having a relative humidity very near the equilibrium moisture content of the tobacco to contact the tobacco and thereby alter the OV content of the tobacco.

Glenn

10-30-92 Filed in PTO; assignment recorded.

2-23-93 IDS filed.

9-23-93 1st action.

1-31-94 Response with 1-month extension filed.

2-24-94 Supplemental amendment and supplemental IDS filed.

* * * * *

2023119139

PM 1612 II - SN 07/969109

(NET) PROCESS FOR ADJUSTING THE MOISTURE CONTENT OF ORGANIC MATERIALS

Warren Winterson, John Crump, E. B. Fischer
R&D

Assignee: Frigoscandia

Covers the use of the process of organic materials generically. Relates to the use of a humid-air stream having a relative humidity very near the equilibrium moisture content of the tobacco to contact the tobacco and thereby alter the OV content of the tobacco.

Glenn

10-30-92 Filed in PTO.

2-23-93 IDS filed.

9-20-93 Restriction requirement.

10-19-93 Response to restriction and assignment filed.

12-13-93 Notice of non-recordation of assignment.

1-12-94 1st action (response due April 12).

2-9-94 Action/refs to Palsson/Craig/Fischer for review.

* * * * *

2023119140

PM 1613 (D815. 818) - SN 08/035733

HEATER HAVING A MULTIPLE-LAYER CERAMIC SUBSTRATE AND METHOD OF FABRICATION

**S. C. Deevi, M. R. Hajaligol, P. D. Lieberman, W. A. Nichols, M. L. Watkins
R&D**

Relates to heaters having multiple-layer ceramic substrates capable of supporting a plurality of resistive heating elements.

Osborne

3-23-93 Filed in PTO; assignment recorded.

6-17-93 IDS filed.

7-1-93 REVIEWED WITH LILLY; REVIEW AFTER 1ST ACTION.

9-9-93 Restriction requirement.

9-22-93 Response and appointment of associate attorney filed.

NOTE : Consider filing divisional on non-elected claims.

No corresponding foreign applications.

*** * * * ***

2023119141

PM 1615 (D816) - SN 992139

**METHODS AND APPARATUS FOR AUTOMATIC IMAGE INSPECTION OF
CONTINUOUSLY MOVING OBJECTS**

H. Dante, D. Lowitz
R&D

Relates to image inspection systems which are suited to high speed inspection of repetitively occurring images and in which it is important to monitor the full grey scale integrity of the images.

Osborne
12-17-92 Filed in PTO; assignment recorded.
2-4-94 Notice of allowance (fee due May 4).

* * * * *

PM 1618 - SN 081974

(PROJECT GOLD) CIGARETTE PACKING MACHINE EXIT APPARATUS

J. Adams, J. Haskins
Engineering

Relates to sealing cigarette packages in which the packaging stock is coated with a dry adhesive before it is supplied to the packaging machine; the apparatus provides improved means for activating and for setting the adhesive.

Glenn
6-23-93 Filed in PTO; assignment recorded.
11-4-93 Notice of change of address filed (no IDS needed per CEBG).

* * * * *

2023119142

PM 1620 - SN 081973

(PROJECT FRESH AND GOLD) HEATSEALABLE CARTON AND APPARATUS AND METHOD FOR MAKING SAME

John Adams, Angel Amendola, Fred Della Crosse, Bob Gallino, Jeff Haskin, Dave Moir, Xuan Pham, Ken Shepard
Engineering

Relates to manufacturing cartons whereby the packaging stock is coated with adhesive before it is supplied to the packaging machine and the machine later provides means for activating and setting the adhesive.

Glenn

06-23-93 Filed in PTO; assignment recorded.

11-4-93 Notice of change of address filed (no IDS needed per CEBG).

* * * * *

PM 1624 (D835) - SN 969761

(NET) CONVEY BELT FOR TREATMENT OF PARTICULATE SOLID MATERIAL

E. B. Fischer, M. S. North and W. D. Winterson, L. E. B. Jaxman, L. F. Olsson, N. S. Selander

R&D/Frigoscandia

(PM owns - and licensed non-tobacco applications to Frigoscandia)

Improved endless conveyor belt that can be used to reorder or dry tobacco, or treat other particulate solid materials.

Glenn:

10-30-92 Filed in PTO; assignment recorded.

11-04-92 Petition to expedite foreign filing license.

02-22-93 Declaration filed.

03-02-93 IDS filed.

5-25-93 1st action.

9-27-93 Amendment with 2-month extension and submittal of proposed drawing changes filed.

11-10-93 2nd action--FINAL (response due February 10).

* * * * *

2023119143

PM 1625 (D836) - SN 969798

(NET) APPARATUS FOR TREATMENT OF SOLID MATERIAL

J. C. Crump, E. B. Fischer, R. C. Wilson, W. D. Winterson, L. E. B. Jaxman, G. M. Norberg, L. F. Olsson
R&D/Frigoscandia

Improved machine that can be used to reorder or dry tobacco, or treat other particulate solid materials.

Glenn

10-30-92 Filed in PTO; assignment recorded.
02-23-93 IDS filed.
05-28-93 Preliminary amendment filed.
8-11-93 Restriction requirement.
10-12-93 Response to restriction filed with 1-month extension and second preliminary amendment filed.
1-24-94 Notice of allowance (fee due April 24).

* * * * *

PM 1634 (CIP OF PM1514) - SN 905898

(Project OSIRIS) PRODUCT GAUGE METHODS AND APPARATUS FOR USE IN THE OPTICAL DETERMINATION OF THE ACCEPTABILITY OF PRODUCTS

Richard M. Waugh and Robert J. Maher

Relates to methods and apparatus for a product gauge are provided that may be used to enhance the performance of optical product inspection means.

Osborne

6-29-92 Filed in PTO; assignment recorded.
8-13-92 IDS and formal drawings filed.
8-16-93 1st action.
11-16-93 Response and appointment of associate attorney filed.
1-28-94 Notice of allowance (fee due April 28).
2-3-94 Formal drawings re-submitted to PTO.

* * * * *

2023119144

PM 1643 CONT - SN 034085

HIGH SPEED VACUUM ASSIST FREE FLOWING MATERIAL INSERTER

J. Budjinski, G. Atwell, L. Stevens, M. Garthaffner, B. Keen, G. Fleischhauer
Engineering

Relates to a device for very high speed delivery of a controlled amount of free flowing material into discrete receiving spaces between filter plugs in partially constructed cigarette filters. The application sets forth method claims.

Glenn

3-22-93 Filed in PTO; assignment recorded.

2-4-94 Notice of allowance (fee due May 4).

* * * * *

PM 1646 (D854) - SN 105383

(BOLD) METHOD AND APPARATUS TO MAKE CONCENTRIC FILTERS COMPOSED OF TWO OR MORE MATERIALS

M. S. Braunshteyn, J. A. deBlasio, and R. E. Talley
Engineering

Higher degree of filtration than with present methods. Uses existing Hauni KDF-2/AF-1 with PM designed paper crimper. Minimizes new design requirements.

Schardt

7-8-93 PATENT COMMITTEE REVIEW--PURSUE.

8-12-93 Filed in PTO; assignment recorded.

11-11-93 Appointment of associate attorney/change of address filed.

* * * * *

2023119145

PM 1649/1666/1470 (D878) - SN 884746

APPARATUS FOR OPTICALLY INSPECTING CYLINDRICAL SURFACES

Gary Grollmund, Cary Longest and Barry Smith
Engineering

Provides uniformly distributed light along a cycloidal surface without interference from shadows or light spotting. the uniformly distributed light and adjustable intensity arrays allow surface attributes along the cycloidal surface to be enhanced or dampened for visual or optical detection of inspection methods.

Osborne

5-15-92 Filed in PTO; assignment recorded.

8-28-92 IDS filed.

9-2-92 Formal drawings filed.

05-24-93 1st action.

8-23-93 Response filed.

11-24-93 2nd action--FINAL.

2-2-94 Response filed.

2-22-94 Advisory action--rejection not overcome (appeal deadline May 24).

Corresponding foreign applications filed in Brazil, Japan, EPO.

* * * * *

2023119146

PM 1655 (D886) - SN 943747

(BETA) FLAVOR GENERATING UNIT FOR FLAVOR GENERATING ARTICLES

M. E. Counts, S. E. Wrenn, S. Deevi, A. Das

R&D

Relates to flavor generating media which are heated electrically to release tobacco flavors.

Glenn

09-11- 92 Filed in the PTO.

2-8-94 Notice of allowance (fee due May 8).

Corresponding foreign filed via PCT.

* * * * *

PM 1661 - SN 08/148457

METHOD FOR PRODUCING BLENDED CIGARETTE FILLER

A. Frattolillo (FTR), S. Clark, T. Holland, R. Mullins, C. Wood

R&D

Relates to the production of different blended cigarette fillers in a way that is more flexible with respect to changing from one blend to the other, and that improves the filling power of the resulting blended cigarette filler.

Schardt

11-8-93 Filed in PTO; assignment recorded.

* * * * *

2023119147

PM 1668 (D898) - SN 943505

(BETA) ELECTRICALLY-POWERED SEMICONDUCTOR HEATER

A. Das and S. C. Deevi

R&D

Relates to electrical heaters for electrically heated flavor generating articles.

Osborne

09-11-92 Filed in PTO; assignment recorded.

06-30-93 Preliminary amendment, substitute application filed.

11-01-93 1st action.

02-25-94 Response with 1-month extension and associate power filed.

No foreign filing.

* * * * *

PM 1673 (D779) - SN 08/017131

PROCESS FOR INCREASING THE FILLING POWER OF TOBACCO BY ADDITION OF A STIFFENING AGENT

J. C. Crump, D. Donaher, J. L. Banyasz, A. Basak, J. O. Lephardt, and G. D Keritsis, B. Fischer

R&D

Relates to a process in which tobacco is contacted with a stiffening agent and CO₂ and then subjected to a thermal treatment so that the tobacco is expanded and its filling power increased.

Osborne

02-12-93 Filed in PTO; assignment recorded.

04-28-93 IDS filed.

11-11-93 Appointment of associate attorney/change of address filed.

12-20-93 1st action (response due March 20).

1-18-93 Action/refs to Lephardt for review and comment.

* * * * *

2023119148

PM 1675 - SN 911274

**SMOKING COMPOSITIONS CONTAINING AN ALPHA-HEXYLCINNAMALDEHYDE
RELEASE ADDITIVE**

G. Chan, B. Edwards, H. Grubbs, Y. Houminer, C. R. Howe, J. D. Naworal, J.
Paine, K. Podraza, T. Sanders, J. Seeman, R. Southwick
R&D

Provides smoking compositions which contain a novel 8 -
hydroxycarboxylate flavorant-release additive. Under cigarette smoking
conditions, a combustible filler and/or paper wrapper additive pyrolyzes
and releases alpha-hexylcinnamaldehyde as a volatile flavorant component
of the cigarette smoke.

Schardt/Depaoli

7-9-92 Filed in PTO; assignment recorded.

12-9-93 Notice of allowance.

1-21-94 Issue fee paid.

* * * * *

PM 1676 (D911) - SN 003397

**PRODUCTION OF SUPPORTED PARTICULATE CATALYST SUITABLE FOR USE IN
A VAPOR PHASE REACTOR**

Robert L. Augustine and Setrak K. Tanielyan (Seton Hall)
R&D

Relates to affixing a fine particulate catalyst to a substrate without
affecting its effectiveness.

Schardt/Burns-Doane/Duffett

1-12-93 Filed in PTO; assignment recorded.

11-2-93 Restriction requirement.

12-2-93 Response filed electing Group I (claims 1-26).

2-17-94 1st action (response due May 17).

No corresponding foreign applications filed.

* * * * *

2023119149

PM 1678 (D915) - SN 998034

PERFORATION INSPECTION SYSTEM

T. Fletcher and H. C. Longest
R&D/Engineering

Method and apparatus for accurately monitoring pressure drop of a web of strip of tipping paper moving rapidly through a production line.

Osborne/B-D/Miller

12-29-92 Filed in PTO; assignment recorded.

02-12-93 IDS filed.

8-26-93 1st action.

12-21-93 Amendment and supplemental declaration filed.

2-5-94 Examiner's amendment--application in condition for allowance.

* * * * *

PM 1683 - SN 07/952257

APPARATUS FOR APPLYING GLUE TO CLOSURE STAMPS FOR INSERTION ONTO PACKAGES

J. W. Giles, M. M. Grimsley, C. P. Pendelton, S. R. Rinehart
Engineering

Relates to the application of glue to closure stamps for insertion onto packages such as cigarette packs.

Osborne/B-D/Kopecki

9-28-92 Filed in PTO; assignment recorded.

04-29-93 1st action.

06-04-93 Amendment filed.

12-1-93 Notice of allowance.

2-2-94 Supplemental IDS and power of attorney filed.

2-28-94 Issue fee paid.

* * * * *

2023119150

PM 1688 - SN 07/985875

**METHODS AND APPARATUS FOR INSPECTING THE APPEARANCE OF
SUBSTANTIALLY CIRCULAR OBJECTS**

Cary Longest and Barry Smith
Engineering

Relates to methods and apparatus for inspecting the appearance of ends of
cigarettes or filters.

Glenn

12-4-92 Filed in PTO; assignment recorded.
2-2-93 Formal drawings filed.
4-20-93 IDS filed.
7-2-93 1st action.
10-4-93 Amendment filed.
12-22-93 2nd action--FINAL (response due March 22).

* * * * *

PM 1690 (D942) - SN 07/027223

FILTER PLUG TRAY

F. Porter, L. Shepherd, J. Sprouse, M. Steeves
Engineering

Relates to an apparatus for receiving filter plugs from a plug maker, for
containing the plugs in a desired alignment and orientation while the tray
is moved to a curing station, and for unloading plugs at a station for
further processing.

Osborne

03-05-93 Filed in PTO with IDS.
1-5-94 1st action (response due April 5).

No corresponding foreign applications.

* * * * *

2023119151

PM 1692 (D945) - SN 070289

(BOOKLET PACK) PACKAGING FOR ARTICLES SUCH AS CIGARETTES

D. Brookman, J. DeBlasio, J. Draucker, D. Evers, C. Hansen, P. Moore, R. Newsome, B. Rech
Engineering/R&D

Packaging concept for providing individual pack removal for convenience or color coordination. Three individual sixes and/or sevens packs are bound together to resemble a small diary size book.

Osborne/B-D/Kopecki

6-2-93 Filed in PTO; assignment recorded.

12-27-93 1st action (response due March 27).

1-24-94 Draft response received from BD.

* * * * *

PM 1696 (D956) (CIP OF PM 1412) - SN 076681

PUTRESCINE N-METHYLTRANSFERASE, RECOMBINANT DNA MOLECULES
ENCODING PUTRESCINE N-METHYLTRANSFERASE, AND TRANSGENIC TOBACCO
PLANTS WITH ALTERED NICOTINE CONTENT

Ved Malik, Samir Z. Wahab
R&D

Object is to produce tobacco plants that have reduced levels of alkaloids.

Glenn

06-01-93 Filed in PTO; assignment recorded.

11-4-93 IDS filed.

11-8-93 Reviewed with Ellis--continue to pursue.

2-16-94 1st action (response due May 16).

* * * * *

2023119152

PM 1697 (CIP of 1550) - SN 08/118665

(D882, D951, D961, D962, D967, D969, D993, D994, D995, D1002, D1006, 1013)

(BETA) TUBULAR INTEGRAL HEATER WITH DISCRETE HEATING ZONES

M. E. Counts, S. C. Deevi, G. S. Fleischhauer, M. R. Hajaligol, P. H. Hayes, C. T. Higgins, W. G. Houck, B. J. Keen, B. C. LaRoy, P. J. Lipowicz, D. E. Miser, C. H. Nichols, W. H. Stevens, M. Subbiah, M. L. Watkins, S. E. Wrenn
R&D

Glenn/BD/Brown

9-10-93 Filed in PTO without formal papers.

10-28-93 Response to missing parts filed.

11-18-93 Letter to BD re IDS--OK if PTO Form 1449 from other BETA filings used.

Corresponding foreign combining 1697 and 1550 filed in PCT (by BD);
considering Turkey for national filing

* * * * *

PM 1698 (D970) (CIP OF 1649) - SN 108122

SYSTEMS FOR OPTICAL INSPECTION (FOR PROTOS VISION SYSTEM)

Gary Grollmund, Cary Longest, Barry Smith, Roy VanDerLimden
Engineering

Relates to camera boxes used in systems for optically inspecting
cylindrical surfaces such as cigarettes

Osborne

8-17-93 Filed in PTO; assignment recorded.

9-29-93 IDS and appointment of associate attorney filed.

* * * * *

2023119153

PM 1699 (D971, 992) - SN 105346

(BETA) ELECTRICAL SMOKING ARTICLE HAVING CONTINUOUS TOBACCO
FLAVOR WEB AND FLAVOR CASSETTE THEREFOR

M.E. Counts, W. Houck, K. Houghton, C. Lilly,, P. Lipowicz, J. Myracle, M.
Sprinkel, J. Washington, S. Wrenn
R&D

Relates to flavor generating articles having a replaceable cassette
containing a flavor generating medium, as well to the replaceable
cassette itself.

Osborne

7-1-93 REVIEWED WITH LILLY; EXPAND LIST OF INVENTORS.

8-10-93 Filed in PTO; assignment recorded.

10-11-93 Formal papers and and IDS filed.

1-18-94 Preliminary amendment filed.

* * * * *

PM 1700 (D985, 986A&B, 987) - SN 070227

() CIGARETTE PACK AND METHOD OF MAKING ("gun belt")

J. A. DeBlasio, J. B. Drucker, D. H. Evers, C. N. Hansen, B. J. Keen, R. W.
Newsome, X. M. Pham, W. J. Rech, Ciro Robustelli (AIG Mackpack)
Engineering/R&D

Holds and separates cigarettes in a pack in a manner similar to a belt
designed to hold bullets.

Schardt/B-D/Kopeckii

6-2-93 Filed in PTO; assignment recorded.

1-26-94 Restriction requirement.

2-23-94 Response filed.

* * * * *

2023119154

PM 1703 (D977) - SN 099324

Cigarette Hardpack Having Rounded Corners and Lid Retaining Flaps
J. J. Fleenor and D. C. Wilder
Engineering

A cigarette pack includes a pack portion and a lid portion hinged thereto, and an inner frame disposed within the pack portion and projecting upwardly beyond an upper end of the pack portion. The vertical corners of the cigarette pack are smoothly rounded. Front rounded corners of the inner frame are formed with integral retention flaps which project laterally outwardly so as to bear frictionally against the sidewalls of the lid portion when the lid portion is in a closed state. Each sidewall of the lid portion includes inner and outer panels. The inner panel includes a front edge located behind the respective retention flap so as to avoid making contact therewith when the lid is pivoted between open and closed states.

Glenn/B-D/Kopecki

7- 30-93 Filed in PTO; assignment recorded.

2-4-94 Notice of allowance (fee due May 4).

* * * * *

PM 1704 (D980) (CIP OF PM 1668) - SN 08/073539

(BETA) LASER WELDING METAL TABS TO SILICON
Amit Das
R&D

Glenn

06-08-93 Filed in PTO; assignment recorded.

11-30-93 IDS and appointment of associate attorney filed.

* * * * *

2023119155

PM 1705 (D984) - SN 08/091032

CONTAINER FOR CYLINDRICAL ARTICLES

X. M. Pham
Engineering

Relates to a container for dispensing cylindrical articles such as cigarettes.

Schardt/B-D/Miller

7-14-93 Filed in PTO; assignment recorded.
1-26-94 IDS filed.

* * * * *

PM 1706 (CIP OF PM 1483 CIP) - SN 005650

CONCENTRIC SMOKING FILTER HAVING CELLULOSE ACETATE TOW PERIPHERY
AND CARBON-PARTICLE-LOADED WEB FILTER CORE

C. W. Arterbery, W. T. Callaham, G. D. Keritsis, D. E. Laslie, K. A. Newman, R.
S. Slagel, M. F. White
R&D

Osborne

1-19-93 Filed in PTO; assignment recorded.

* * * * *

PM 1708 (D998 and D1002) - SN 111550

DOUBLE FLIP-OPEN LID BOX AND ONE-PIECE PACKAGE BLANK AND METHOD
FOR FORMING SAME

J. DeBlasio, J. Draucker, D. Evers, C. Hansen, R. Newsome, X. Pham, W. Rech,
C. Robustelli
Engineering

Glenn/BD

08-26-93 Filed in PTO.
12-07-93 BD instructed to file IDS.

* * * * *

2023119156

PM 1709 (D1000) - SN 08/182443

METHOD AND APPARATUS FOR SHARPENING SCALLOPED-EDGED BLADES

J. L. Gregory
Engineering

Glenn/BD
1-18-94 Filed in PTO.

* * * * *

PM 1710 (D988)

CIGARETTE WITH INSULATING SHELL

G. D. Keritsis
R&D

A cigarette having a rod of smokable material which is circumscribed by an air permeable shell of insulating material made of a porous ceramic tube or shell, which is in turn circumscribed by a wrapping material. Provides good taste and smoking satisfaction, low levels of incomplete combustion products, yields extremely low levels of visible sidestream smoke and retains the burning coal and the produced ash within the insulating shell, which is not consumable during the act of smoking and is reusable.

Glenn/BD
2-4-94 Filed in PTO.

* * * * *

2023119157

PM 1713 (D1010) - SN 08/160308

AGITATOR APPARATUS FOR CYLINDRICAL ARTICLES

Renee Cooper, Ricky Cooper, Chuck Pendleton, Steve Rinehart, Lou Turano,
Dick Webb,
Engineering

Apparatus for facilitating a mass flow of cylindrical articles and for arresting and removing non-aligned, or crossed, articles from the flow, thus ensuring that the articles maintain a predetermined alignment, and for preventing jamming of the articles in the flow.

Related to FTR 0125.

Osborne/BD/Magnone

12-2-93 Filed in PTO with IDS; assignment recorded.

* * * * *

PM 1723 (D1036) SN 08/133946

HINGED LID BOX WITH ATTACHED COUPON

J.. Fleenor
Engineering

Osborne

10-12-93 Filed in PTO with IDS; assignment recorded.

11-1-93 Supplemental IDS filed.

2-2-94 1st action (response due May 2).

2-15-94 Draft to T. Walker for typing.

* * * * *

2023119158

PM 1725 (D1028, 1029) - SN 08/161495

STEP-SHAPED INNERFRAME FOR USE WITH SHORT CIGARETTES AND HINGED LID BOX

J. Draucker, C. Hansen, R. Newsome, and X. Pham
Ashland

The stepped innerframe is placed into a standard size pack which allows the packing of short cigarettes in packs of a standard, or other desired length. This is accomplished with a vertical step in the innerframe.

Osborne

12-6-93 Filed in PTO with IDS; assignment recorded.

* * * * *

FTR 0116 CONT - SN 104806

CIGARETTE-MAKING MACHINE WITH TRANSFER DEVICE
Michael Lauenstein and Bernard Tallier

Osborne

8-10-93 Filed in PTO.

11-19-93 1st action.

12-3-93 Patent review meeting: continue to pursue.

2-16-94 Response and Power filed.

* * * * *

FTR 0119 CONT - SN 115788

TANGENTIAL SLUICE
Bernard Tallier and Otto Hagmann

Osborne

9-3-93 Filed in PTO.

11-18-93 1st action.

12-3-93 Patent review meeting: continue to pursue.

02-14-94 Response and power and authorization filed.

* * * * *

2023119159

FTR 0122 - SN 881787

APPARATUS AND METHOD FOR PROCESSING PACKAGING BLANKS

Albert Sigrist and Roberto Rizzolo

Osborne

5-12-93 Filed in PTO; assignment recorded.
6-28-93 Action.
8-16-93 Response filed.
10-5-93 Proposed Examiner's amendment.
10-21-93 2nd action.
10-22-93 Power of attorney filed.
10-26-93 Comments on action received from Bovard.
12-3-93 Patent review meeting: continue to pursue.
1-10-94 Amendment and power filed.

* * * * *

2023119160

FTR 0125 - SN 963554

ALIGNMENT DEVICE AND METHOD

Roberto Rizzolo, Albert Sigris, and Michael Lauenstein

Related to PM1713

Osborne

10-20-92 Filed in PTO.
7-12-93 1st action.
10-11-93 Response filed.
10-20-93 FTR power filed.
11-16-93 Supplemental IDS filed.
12-3-93 Patent review meeting: continue to pursue.
1-14-94 2nd action--FINAL.
1-25-94 Response filed.
2-7-94 Advisory action--rejection not overcome.
2-16-94 Request for reconsideration filed.
2-24-94 Advisory action--request denied (appeal deadline July 14).

* * * * *

FTR 0127 - SN 080761

APPARATUS AND METHOD FOR ALIGNING PACKAGING BLANKS

Jean Cestonaro and Philippe Brea

Osborne

6-24-93 Filed in PTO with IDS.
11-24-93 FTR power filed.
11-17-93 Notice of allowance.
12-3-93 Patent review meeting: continue to pursue.
1-6-94 Issue fee paid.

* * * * *

2023119161

FTR 0129 - SN 104574

PACKAGING BOX, BLANK THEREFOR, AND METHOD OF ASSEMBLY

Albert Sigrist

Osborne

- 8-11-93 Filed in PTO with IDS; assignment recorded.
- 10-20-93 Power of attorney sent to FTR for signatures.
- 10-22-93 Restriction requirement.
- 11-12-93 Response and FTR's assignment certificate filed.
- 11-24-93 FTR power filed.
- 12-3-93 Patent review meeting: evaluate and review again at next meeting.
- 1-4-94 1st action (response due April 4).
- 1-14-93 Supplemental IDS filed, action and refs to Bovard and FTR.
- 1-24-94 Patent review meeting: continue to pursue.
- 2-15-94 Draft to T. Walker for typing.

* * * * *

2023119162